

⑫

EUROPEAN PATENT APPLICATION

⑰ Application number: **87117540.2**

⑮ Int. Cl.⁵: **C07H 1/08**

⑱ Date of filing: **27.11.87**

⑳ Priority: **01.12.86 US 936163**

㉓ Date of publication of application:
08.06.88 Bulletin 88/23

㉔ Designated Contracting States:
AT BE CH DE ES FR GB GR IT LI LU NL SE

㉕ Date of deferred publication of the search report:
21.03.90 Bulletin 90/12

㉖ Applicant: **MOLECULAR BIOSYSTEMS, INC.**
10030 Barnes Canyon Road
San Diego California 92121(US)

㉗ Inventor: **Seligson, David B.**
6830 Aetna Court
Wauwatosa Wisconsin 53213(US)
Inventor: **Shrawder, Elsie J.**
3947 Caminito del Mar Surf
San Diego California 92130(US)

㉘ Representative: **UEXKÜLL & STOLBERG**
Patentanwälte
Beselerstrasse 4
D-2000 Hamburg 52(DE)

㉙ **Method of isolating and purifying nucleic acids from biological samples.**

㉚ A method for isolating and purifying nucleic acids from a biological sample is described. The method employs anion exchange materials, preferably the chloride form of such materials, to bind the nucleic acids and use s halide salts of increasing molarity, preferably chloride salts, to adsorb, wash and elute the nucleic acids.

EP 0 270 017 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	FR-A-1 515 265 (KYOWA HAKKO KOGYO K.K.) * Claims * ---	1-15	C 07 H 1/08 C 12 N 15/00 C 12 P 19/34
Y	GB-A-1 170 929 (GLAXO LABORATORIES LTD) * Page 1, lines 10-36; page 4, lines 9-22 * ---	1-15	
Y	PATENT ABSTRACTS OF JAPAN, vol. 11, no. 13 (C-397)[2460], 14th January 1987; & JP-A-61 187 793 (SAGAMI CHEM. RES. CENTER) 21-08-1986 * Abstract * -----	1-15	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			C 07 H 1/00 C 07 H 21/00 C 12 N 15/00 C 12 P 19/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16-11-1989	Examiner SCOTT J.R.M.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			